

09-19-2000

2FORM PTO-1595
11738.84448

RE

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICETo the Honorable Commissioner of Patent
Please record the attached original document or copy thereof.

101461477

1. Name of conveying party(ies):

Johan F.M. Gijsbers; Frans L.H. Gielen

Additional name(s) of conveying party(ies) attached?
___ YES X NO2. Name and address of receiving party(ies):
Name:

Medtronic, Inc.

Internal Address:

Street Address:

7000 Central Avenue NE

City: Minneapolis

State: Minnesota

Zip: 55432-3576

Additional name(s) & address(es) attached?
___ YES X NO

3. Nature of conveyance:

X Assignment ___ Merger

___ Security Agreement ___ Change of Name

___ Other _____

Execution Date: November 12, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s):
(include series code or filing date)
09/561,550

B. Patent No.(s):

Additional application or patent numbers attached? ___ YES X NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Banner & Witcoff, Ltd.
Address: Ten South Wacker Drive
City: Chicago
State: Illinois Zip: 606066. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41) \$ 40.00
X Enclosed ___ Authorized to charge Deposit Account 01-08508. Should any fee adjustment be necessary to effect proper recordation, please debit or credit our Deposit Account No. 01-0850, as necessary.

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joseph P. Krause
Name of Person Signing
SignatureAugust 21, 2000
Date

1/18/2000 DNGUYEN 00000345 09561550

FD-581

10-00-00

Total number of pages including cover sheet, attachments and document: 3PATENT
REEL: 011066 FRAME: 0831

ASSIGNMENT

Case No.: **11738.84448**

Serial No.:

Inventors: **Johan F.M. Gijsbers; Frans L.H. Gielen**

Date of Execution

of Application:

Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

MEDTRONIC, INC., a corporation of the State of Minnesota

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Brain Fluid Ion Concentration Modification For Treating Neurological Disorders

and identified as:

Case No. 11738.84448

in the offices of Banner & Witcoff, Ltd. and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

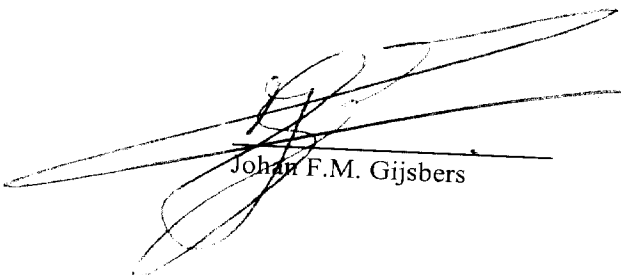
The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 12 day of November 1999

State of _____

County of The Netherlands


Johan F.M. Gijsbers

The foregoing instrument was acknowledged before me this 16th day of

November, 1999 by Mr. MPPF Grooters


NOTARY PUBLIC



WITNESS my hand and seal this 12 day of NOVEMBER, 1999

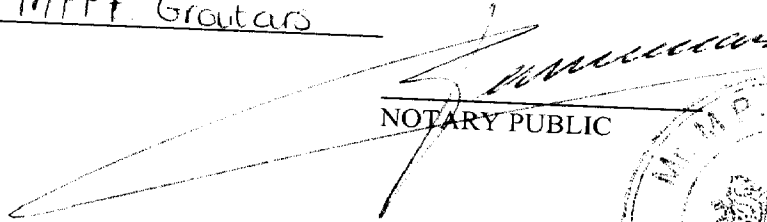

Frans L.H. Gielen

State of _____

County of The Netherlands

The foregoing instrument was acknowledged before me this 16th day of

November, 1999 by Mr. MPPF Grooters


NOTARY PUBLIC

